



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
D601 CETUS 40

Sheet 1 of 7

SERIAL NO.

06/937,384

APPLICANT
Paul F. Umbeck

FILING DATE
December 3, 1986

GROUP
124

Informational Statement

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	0 1 4 2 9 2 4	7/1985	Europe	E12N	15/00	✓
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DF	AR		Barton et al., "Regeneration of Intact Tobacco Plants Containing Full Length Copies of Genetically Engineered T-DNA, and Transmission of T-DNA to R1 Progeny," <u>Cell</u> , Vol. 32, pp. 1033-1043 (1983) 14
DF	AS		Beasley et al., "The Effects of Plant Growth Substances on In Vitro Fiber Development From Fertilized Cotton Ovules," <u>Amer. J. Bot.</u> , Vol. 60(2): pp. 130-139 (1973) 14
DF	AT	DF	Bevan, "Binary Agrobacterium vectors for plant transformation," <u>Nucleic Acids Research</u> , Vol. 12:22 p. 8711-8721 (1984) 14
		DF	Davidonis et al., "Plant Regeneration from Callus Tissue of <u>Gossypium hirsutum</u> L., <u>Plant Sc. Letters</u> , vol. 32, p. 89-93 (1983)

EXAMINER

David Zf

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FORM P-702
(REV. 7-80)

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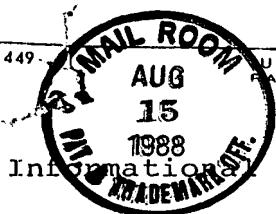
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DA	AR	Davis et al., "In Vitro Culture of Callus Tissues and cell Suspensions from Okra (<i>Hibiscus Esculentus</i> L.) and Cotton (<i>Gossypium Hirsutum</i> L.)," <i>In Vitro</i> , Vol. 9:6 pp. 395-398 (1974)
	AS	de Framond et al., "Mini-Ti: A new Vector Strategy for Plant Genetic Engineering," <i>Bio/Technology</i> , Vol. 1, p. 262-269 (May 1983)
	AS	Finer et al., "Initiation of Callus and Somatic Embryos from Explants of mature Cotton (<i>Gossypium klotzschianum</i> Anderss)," <i>Plant Cell Rep.</i> , Vol. 3, p. 41-43 (1984)
	AT	Firoozabady, et al., "Transformation of Cotton (<i>Gossypium hirsutum</i> L.) by <i>Agrobacterium tumefaciens</i> and Regeneration of transgenic plants," <i>Plant Molecular Biology</i> 10:105-116 (1987)
EXAMINER	DATE CONSIDERED	
David J	12/2/88	

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	AR	<i>DF</i>	Gamborg et al., "Nutrient Requirements of Suspension Cultures of Soybean Root Cells," Exp. Cell Res., Vol. 50, p. 151-158 (1968)
		<i>DF</i>	Gorman et al., "Recombinant Genomes Which Express Chloramphenicol Acetyltransferase in Mammalian Cells," Mol. and Cell. Biol., Vol. 2:9 pp. 1044-1051 (1982)
	AS	<i>DF</i>	Herrera-Estrella et al., "Expression of chimaeric genes transferred into plant cells using a Ti-plasmid-derived vector," Nature, Vol. 303:19 p. 209-213 (1983)
	AT	<i>DF</i>	Hoekema et al., "A binary plant vector strategy based on separation of vir- and T-region of the Agrobacterium tumefaciens Ti-plasmid," Nature, Vol. 303, p. 179-180 (12 May 1983)

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	AR	DF	Linsmaier et al., "Organic Growth Factor Requirements of Tobacco Tissue Cultures," <u>Physiologia Plantarum</u> , Vol. 18, p. 100-127 (1965)
		DF	Mitten, "Somatic Embryogenesis in <u>Gossypium hirsutum</u> L.," <u>Proc. of Beltwide Cotton Prod. Res. Conf.</u> , p. 57-58 (Jan, 1985)
	AS	DF	Murashige et al., "A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures," <u>Physiologia Plantarum</u> , Vol. 15, p. 473-497 (1962)
		DF	Paszkowski et al., "Direct gene transfer to plants," <u>EMBO Jour.</u> , Vol. 3:12 pp. 2717-2722 (1984)
	AT	DF	Price et al., "Somatic Embryogenesis in Suspension Cultures of <u>Gossypium klotzschianum</u> Anderss," <u>Planta</u> , Vol. 145, pp. 305-307 (1979)
		DF	Price et al., "Callus Cultures of Six Species of Cotton (<u>Gossypium</u> L.) on Defined Media," <u>Plant Sci. Letters</u> , Vol. 10, p. 115-119 (1977)

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AR	mf	Rangan et al., "Somatic Embryogenesis in Tissue Cultures of <u>Gossypium hirsutum</u> L.," In Vitro, vol. 20, p. 256 (1984)
	mf	Rani et al., "Establishment of Tissue Cultures of Cotton," Plant Science Letters, Vol. 7, p. 163-169 (1976)
AS	mf	Reiss et al., "A new sensitive method for qualitative and quantitative assay of neomycin phosphotransferase in crude cell extracts," Gene, Vol. 30 p. 211-218 (1984)
AT	mf	Robacker et al., "Somatic Embryogenesis in Two Strains of <u>Gossypium hirsutum</u> ," Ann. Mtg. of the Amer. Soc. of Agronomy, p. 85 (Nov. 1984)
	mf	Stewart et al., "In-ovulo Embryo Culture and Seedling Development of Cotton (<u>Gossypium hirsutum</u> , L.)," Planta, Vol. 137- pp. 113-117 (1977).

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David J. 24

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PTO 1449
REV. 7-801DEPARTMENT OF COMMERCE
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AR	Trolinder et al., "Somatic Embryogenesis in Cell Suspension Cultures of <u>Gossypium hirsutum</u> ," <u>Proc. of Beltwide Cotton Prod. Res. Confs.</u> , p. 46 (Jan.) 1985)
AS	Umbeck et al., "Genetically Transformed Cotton (<u>Gossypium Hirsutum</u> L.) Plants," <u>Bio/Technology</u> , Vol. 5, p. 263-266 (1987).
AS	Zhou et al., "Introduction of Exogenous DNA into Cotton Embryos," <u>Methods in Enzymology</u> , Vol. 101, p. 433-481 (1983)
AT	

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